

Docket No.: 43890-401

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Kaoru SATO, et al.

Serial No.: 09/493,677

Group Art Unit: 3743

Filed: January 28, 2000

Examiner: Leonard R. Leo

For: HEAT SINK, METHOD OF MANUFACTURING THE SAME AND COOLING APPARATUS USING  
THE SAMETHE COMMISSIONER FOR PATENTS AND TRADEMARKS  
Washington, DC 20231

Dear Sir:

Transmitted herewith is an Amendment and Response to Restriction in the above identified application.

- No additional fee is required.  
 Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.  
 A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.  
 Also attached:

The fee has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	17	20	0	\$18.00 =	\$0.00
Independent Claims	4	4	0	\$84.00 =	\$0.00
Multiple claims newly presented					\$0.00
Fee for extension of time					\$0.00
Total of Above Calculations					\$0.00

- Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.
- The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

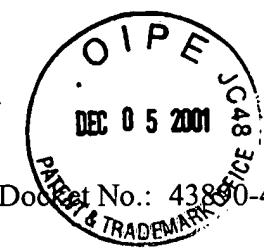
MCDERMOTT, WILL &amp; EMERY

  
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T. MURRAY CENTER R3700



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Fee ok

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Serial No.: 09/493,677 : Group Art Unit: 3743  
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TECHNOLOGY CENTER R3700

For: HEAT SINK, METHOD OF MANUFACTURING THE SAME AND COOLING APPARATUS USING THE SAME

AMENDMENT AND RESPONSE TO RESTRICTION

Box AF  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Restriction Requirement dated November 6, 2001, having a one-month shortened statutory period for response set to expire on December 6, 2001, Applicants' hereby elect Group IV (Figure 3b), with traverse.

IN THE CLAIMS

Please amend claims 1 and 15 to read as follows:

*Heatsink*  
1. A heatsink comprising:

a) a column having a heat receiving face, wherein a cross section of said column has one shape selected from trapezoid, triangle, and a shape whose sectional width decreases as it extends away from said heat receiving face; and